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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MMc	1	6678518		2004-01-13	Eerola	
	2	6594700		2003-07-15	Graham et al.	
	3	7127704		2006-10-24	Van De Vanter et al.	
	4	7076772		2006-07-11	Zatloukal	
	5	6847981		2005-01-25	Song et al.	
	6	6721779		2004-04-13	Maffeis	
	7	6141701		2000-10-31	Whitney	
	8	6411698		2002-06-25	Bauer et al.	

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MMI	9	6012083		2000-01-04	Savitzky et al.	
	10	6212546		2001-04-03	Starkovich et al.	
	11	6560636		2003-05-06	Cohen et al.	
	12	7107578		2006-09-12	Alpern	
	13	6377939		2002-04-23	Young	
	14	6748420		2004-06-08	Quatrano et al.	
	15	7117504		2006-10-03	Smith et al.	
	16	6915519		2005-07-05	Williamson et al.	
	17	6976086		2005-12-13	Sadeghi et al.	
	18	6445711		2002-09-03	Scheel et al.	
↓	19	6070184		2000-05-30	Blount et al.	

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MM?	20	6889244		2005-05-03	Gaither et al.	
↓	21	6963914		2005-11-08	Breitbart et al.	

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↓	2	20020083075		2002-06-27	Brummel et al.	
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↓	7	20040019645		2004-01-29	Goodman et al.	

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mq	8	20060206856		2006-09-14	Breeden et al.	
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	14	20030126136		2003-07-03	Omoigui	
	15	20040148336		2004-07-29	Hubbard et al.	
	16	20020152106		2002-10-17	Stoxen et al.	
✓	17	20030167358		2003-09-04	Marvin et al.	

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MM9	1	SOSNOSKI; "XML and Java technologies: Data binding, Part 1: Code generation approaches -- JAXB and more," IBM, January 1, 2003, <a href="http://www-128.ibm.com/developerworks/library/x-databdopt/index.html">http://www-128.ibm.com/developerworks/library/x-databdopt/index.html</a> , pp. 1-11.	<input type="checkbox"/>
1	2	CHEN, et al., "eCo Architecture for Electronic Commerce Interoperability," CommerceNet eCo Framework Project, June 29, 1999, CommerceNet, Inc., pp. 1-107.	<input type="checkbox"/>
	3	JAVA Debug Interface - definition, retrieved from <URL <a href="http://java.sun.com/j2se/1.4.2/docs/guide/jpda/jdi/overview-summary.html">http://java.sun.com/j2se/1.4.2/docs/guide/jpda/jdi/overview-summary.html</a> on February 21, 2007, pp. 1-3.	<input type="checkbox"/>
	4	KILGORE, "Multi-Language, Open-Source Modeling Using the Microsoft .NET Architecture," Proceedings of the 2002 Winter Simulation Conference, December 8-11, 2002, IEEE, Vol. 1, pp. 629-633.	<input type="checkbox"/>
	5	EMBURY, et al., "Assisting the Comprehension of Legacy Transactions," Proceedings of the Eighth Working Conference on Reverse Engineering, October 2-5, 2001, pp. 345-354.	<input type="checkbox"/>
	6	MAYS, et al., "A Persistent Store for Large Shared Knowledge Bases," IEEE Transactions on Knowledge and Data Engineering, Vol. 3, No. 1, March 1991, pp. 33-41.	<input type="checkbox"/>
↓	7	TANG, et al., "Integrating Remote Invocation and Distributed Shared State," Proceedings of the 18th International Parallel and Distributed Processing Symposium, (IPDPS '04), April 26-30, 2004, 10 pages.	<input type="checkbox"/>

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	2	6092102		2000-07-18	Wagner	
	3	6567738	B2	2003-05-20	Gopp et al.	
	4	6687702	B2	2004-02-03	Vaitheeswaran et al.	
	5	6757689	B2	2004-06-29	Battas et al.	
	6	6959307	B2	2005-10-25	Apte	

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<i>MMI</i>	1	20020010781	A1	2002-01-24	Tuatini	
<i>↓</i>	2	20020174178	A1	2002-11-21	Stawikowski	
<i>✓</i>	3	20020194267	A1	2002-12-19	Flesner et al.	

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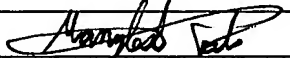
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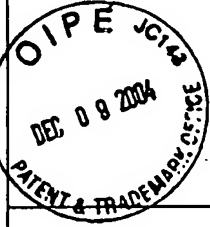
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Form PTO-1449 (Substitute) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>Information Disclosure Statement</b> BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number <b>BEAS-01391US1</b>		Serial/Patent Number <b>10/784,376</b>	
				Applicant/Patent Owner <b>Sundararajan et al.</b>			
				Filing/Issue Date <b>February 23, 2004</b>		Group Art Unit <b>2176 2178</b>	
<b>U.S. PATENTS</b>							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
<b>MAP</b>		5,836,014	11/10/98	Faiman, Jr.	<b>395</b>	<b>117</b>	05/16/94
<b>↓</b>		6,732,237	05/04/04	Jacobs et al.	711	119	08/29/00
<b>↓</b>		6,804,686	10/12/04	Stone et al.	707	104.1	09/10/02
<b>U.S. PATENT PUBLICATIONS</b>							
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant			
<b>PENDING U.S. PATENT APPLICATIONS</b>							
Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No		
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Translation Yes   No
<b>OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)</b>							
<b>MAP</b>		"Introducing Microsoft DotNet"; by Christophe Lauer, 07/02/2002; <a href="http://web.archive.org/web/20020702162429/http://www.freevbcode.com/ShowCode.asp?ID=2171">http://web.archive.org/web/20020702162429/http://www.freevbcode.com/ShowCode.asp?ID=2171</a> ; pp 1-10.					
<b>Examiner</b> <i>Mangal</i>				<b>Date Considered</b> <b>06/07/07</b>			
<b>*EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
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Attorney Docket Number

BEAS-01391US1

Serial/Patent Number

10/784,376

Applicant/Patent Owner

Sundararajan et al.

Filing/Issue Date

February 23, 2004

Group Art Unit

8926 2178

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
MMP	5,862,327	01/19/99	Kwang et al.	395	200	06/10/96
	5,950,010	09/07/99	Hesse et al.	395	203	11/25/96
	6,023,722	02/08/00	Colyer	709	201	07/23/97
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Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes   No
MMP	WO 01/90884 A2	29/Nov/01	Europe	G06F	9/00	X

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J	IPPlanet, e-commerce solutions; "iPlanet Application Server 6.0 White Paper", technical reference guide; May 25, 2000; pp:1-104.
J	Roman et al., "The Technical Benefits of EJB and J2EE Technologies over COM+ and Windows DNA", December 1999, Prepared for Sun Microsystems, Inc. © 1999 The Middleware Company; pp: 1-24.

MM1	HP Application Server; Technical Guide Version 8.0; Hewlett-Packard Company; © Copyright 1999-2001; pp: 1-234.
MM2	Deuvo et al., "An Infrastructure for the Dynamic Distribution of Web Applications and Services"; Department of Computer Science, Boston University, December 2000; BUCS-TR-2000-027; pp: 1-22.
Examiner	<i>Handwritten signature</i> Date Considered 06/07/03
<p><b>*EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>*1 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.</p> <p>*2 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.</p>	



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	Filing/Issue Date February 23, 2004	Group Art Unit 2176 2178

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Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
MMP	6,028,997	02/22/00	Leymann et al.	395 212	701 104	05/30/97

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	Van Der Aalst et al., "Verification of XRL: An XML-Based Workflow Language" IEEE, July 2001, pp: 427-432
	Blake, "Rule-Driven Coordination Agents: A Self-Configurable Agent Architecture for Distributed Control" IEEE, March 2001; pp: 271-277
	Dahalin et al., "Workflow Interoperability Using Extensible Markup Language (XML)" IEEE, July 2002; pp: 513-516

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MMP	1	20020194495	A1	2002-12-19	Gladstone et al.	
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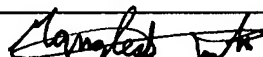
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Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
MMP	1	ERICH LIEBMANN, et al., "Adaptive Data Dissemination and Caching for Edge Service Architectures Built with the J2EE", March 2004, ACM Press, 2004 ACM Symposium on Applied Computing, pages 1717-1724	<input type="checkbox"/>

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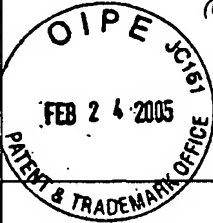
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				Applicant/Patent Owner <b>Sundararajan et al.</b>			
				Filing/Issue Date <b>February 23, 2004</b>		Group App/Unit <b>2176 2178</b>	
<b>U.S. PATENTS</b>							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
MAP		6,226,675 B1	05/01/01	Meltzer et al.	709	223	10/16/98
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↓		<del>6,569,693 B1</del>	<del>07/15/03</del>	<del>Borwankar</del>	<del>709</del>	<del>219</del>	<del>06/22/99</del>
<b>6,594,693 MAP U.S. PATENT PUBLICATIONS</b>							
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant			
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↓		2003/0110117 A1	06/12/03	Saidenberg et al.			
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<b>OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)</b>							
MAP		Paul, Laura Gibbone, "RosettaNet: Teaching business to work together", 10/1/1999. <a href="http://www.developer.com/xml/article.php/616641">http://www.developer.com/xml/article.php/616641</a>					
Examiner <i>Harold</i>				Date Considered <b>06/07/07</b>			
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